Patent Abstracts of Japan

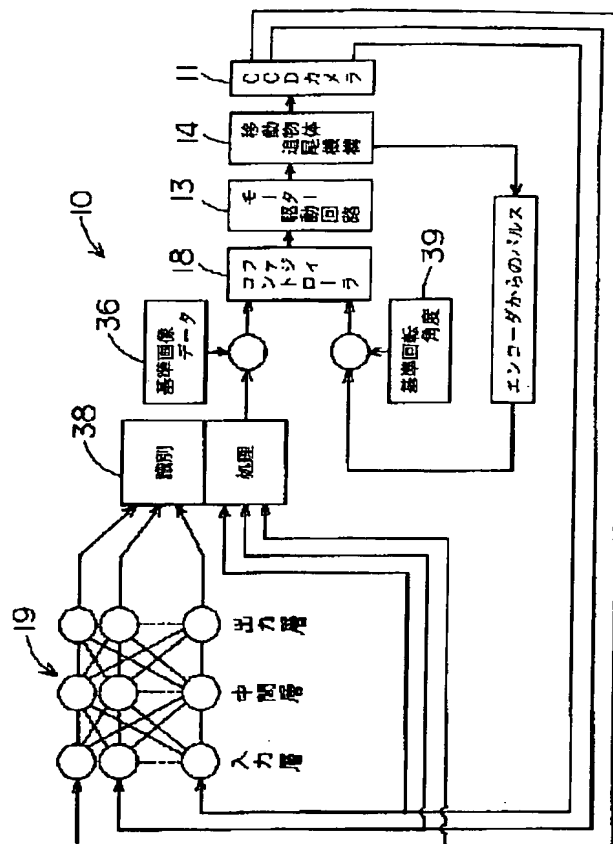|		
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TITLE : MOVING OBJECT IDENTIFYING AND TRACKING SYSTEM

ABSTRACT : PURPOSE: To provide the moving object identifying and tracking system which can easily identify a moving object and can freely track the moving object with high accuracy even when the state of the moving object is changed.

CONSTITUTION: In this moving object identifying and tracking system 10, reference image data are previously learnt by a neural network 19, the image of the moving object is picked up by a telecamera 11, and the image data fetched by the telecamera 11 are identified through the neural network 19. On the other hand, error between the image data and a reference image, the change amt., further, error between the rotating angle data of the telecamera 11 and reference rotating angle data and that change amt. are calculated by a controller 18, a moving object tracking mechanism 14 is driven through a motor driving circuit 13, and the moving object is tracked by the telecamera 11.

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